

ABSTRACT

An electronic device and method of forming said device are presented, in which the device comprises a base having a pair of elongate flanges and a channel portion defined therebetween, wherein the channel portion has a substantially planar first surface, and wherein the pair of flanges extend generally perpendicularly from the first surface. The device further comprises a ceramic circuit board having a substantially planar second surface, wherein the second surface is substantially parallel to the first surface, and wherein the second surface is operable to mate with the first surface within the channel. An adhesive layer generally resides between the first surface and the second surface, wherein the adhesive layer fixedly couples the first surface of the base to the second surface of the circuit board, wherein the pair of flanges substantially maintain the planarity of the first surface and the second surface during a thermal expansion or contraction of one or more of the base and the circuit board.